



Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733

UIC Permit No.: 06S1264P6273
Area Permit North Burbank

MODIFICATION TO ENVIRONMENTAL PROTECTION AGENCY OSAGE COUNTY UIC PROGRAM

Permit No. 06S1264P6273

Dated: April 3, 2012

Permit location as describe by Permit No. 06S1264P6273 has been revised to read as follows:

the S/2 of Section 1, all of Section 2, SE/4 of Section 3, E/2 of Section 10, all of Section 11, all of Section 12, all of Section 13, all of Section 14, E/2 of Section 15, E/2 Section 22, all of Section 23, all of Section 24, all of Section 25, all of Section 26, all of Section 35, and all of Section 36, all in Township 27N, Range 5E.

All of Section 7, W/2 Sec 17, all of Section 18, all of Section 19, all of Section 20, SW/4 Sec 28, all of Section 29, all of Section 30, all of Section 31, all of Section 32, W/2 & SE/4 Sec 33, all in Township 27N, Range 06E

Permit conditions I.A.3. and I.B.1. prescribed by Permit No. 06S1261P⁶²⁷³~~5423~~ have been revised to read as follows:

- I.A.3. For those existing wells without surface casing or whose surface casing does not extend at least 50 feet below the USDW, the outermost casing(s) must be cemented at least 50' below the USDW to surface.
- I.A.4. Prior to initial authorization to inject for individual wells, the permittee shall provide evidence to the Director of compliance with Parts I. A. 1. A.2, and A.3. above by submission of a cementing record, a cement bond log, temperature log, historical cementing records, or other well information sufficient to demonstrate and provide assurance that cement has been placed above the producing formation to adequately meet the requirements of Permit Section I.A.1, I.A.2, or I.A.3, whichever is applicable.
- I.D.3. Before receiving authorization to inject for any well authorized under this permit, the permittee shall submit to the Chief a copy of a report showing construction details of each monitoring well required under Parts I. C. 6. or I. D. 1. for the

nearest quarter sections to the AOR of the well requested for authorization to inject.

- I.F.1. The permittee shall demonstrate, to the satisfaction of the Director, that the injection well has no significant leak in the casing/tubing annulus and allows no fluid migration through vertical channels behind the casing pursuant to 40 CFR §147.2920(b) (1) (i) and (2) (ii) or (iii) respectively. The demonstration of mechanical integrity (MI) must be made at least once every five years thereafter. The Director may require increased frequency of this testing if circumstances deem it prudent. To acquire authorization to inject (ATI), the permittee must submit a successful MI demonstration and proof of cement behind the well's casing(s) per condition I.A.4. The Chief may issue ATI either verbally or in writing upon finding the well is compliant with the corrective action, monitoring well and injection well construction and MI requirements of this permit.

This modification is part of the permit and shall be attached thereto in accordance with 40 CFR Subpart GGG, §147.2927.

This permit modification shall become effective

FEB 08 2013

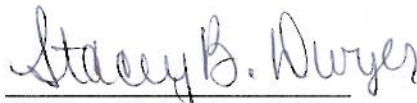
Prepared by

Issued on

FEB 08 2013



Arnold Bierschenk
Environmental Scientist
Ground Water/UIC Section



for William K. Honker, P.E.
Director
Water Quality Protection Division